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To the Faculty:

I am pleased to present our listing of faculty scholarly publications for January 1 through December 31, 2013. Congratulations to everyone whose work is cited here. Thank you for submitting information on your publications for inclusion. Thank you to the Deans for compiling the information from their schools and to the Provost for overseeing this publication. Special thanks to the Office of Research for coordinating this project.

This publication of publications is produced annually. There are a number of important goals achieved by this effort. First, it is a way for the University to publicly honor those whose active research has brought Duquesne University’s name into scholarly publications around the nation and the world. Our faculty members are enhancing our academic reputation and the University is grateful. Second, annual publication allows the University to record and mark progress in increasing our scholarly output. We are committed to increased publication and this effort allows us to track the increase. Third, faculty will discover in these pages colleagues who have similar and related interests to their own. It is hoped that these discoveries will lead to fruitful collaborations and new interdisciplinary scholarship. Finally, this compilation is a celebration of success in one of the pillars of our mission: academic excellence. These pages show how we are living our mission.

At Duquesne University, we value the scholar-teacher—a faculty member who is dedicated to excellence in both academic tasks. In teaching, we convey knowledge and shape our students’ lives. This is a powerful and important part of who we are and what we are committed to. In research, we create knowledge and we shape the world of the mind. Publication of research is evidence of the value of these contributions because our efforts are reviewed and accepted by our disciplinary and professional peers. The publications here demonstrate peer-reviewed achievements in new discovery, new perspectives, and new expressions.

It is more difficult to achieve excellence and balance when there are two goals than when there is only one. As you know, there are other universities where either scholarship or teaching is devalued for the sake of greater stress on the other. Duquesne seeks its institutional excellence the harder way, in the combined excellence of both scholarship and teaching in our faculty. Furthermore, we believe that an active research agenda and regular publication success is the surest way to keep teaching fresh and vital. Our students deserve to be taught and inspired by active, publishing scholars.

To those named in these pages and to those whose names will appear in future years, thank you for your scholarly accomplishments and your national leadership. You are helping to build an even greater Duquesne University of the Holy Spirit.

Charles J. Dougherty, Ph.D.

President
McAnulty College and Graduate School of Liberal Arts

Dean


Classics


Communication and Rhetorical Studies


* Nationally Prominent Journal, Publisher or Conference Proceeding


* Nationally Prominent Journal, Publisher or Conference Proceeding


**Health Care Ethics**


* Nationally Prominent Journal, Publisher or Conference Proceeding


* Nationally Prominent Journal, Publisher or Conference Proceeding
History


Journalism and Multimedia Arts


Mathematics and Computer Science


* Nationally Prominent Journal, Publisher or Conference Proceeding


* Nationally Prominent Journal, Publisher or Conference Proceeding
Modern Language


Philosophy


**Political Science**


**Psychology**


**Social and Public Policy**


**Sociology**


**Theology**


* Nationally Prominent Journal, Publisher or Conference Proceeding


* Nationally Prominent Journal, Publisher or Conference Proceeding


School of Law


* Nationally Prominent Journal, Publisher or Conference Proceeding


* Nationally Prominent Journal, Publisher or Conference Proceeding


* Nationally Prominent Journal, Publisher or Conference Proceeding


**Accounting and Information Systems Management**


* Nationally Prominent Journal, Publisher or Conference Proceeding


**Patents/Inventions**

Economics and Quantitative Analysis


Finance


Management and Legal Studies


* Nationally Prominent Journal, Publisher or Conference Proceeding 

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**Patents/Inventions**


**Marketing, Entrepreneurship and Supply Chain**


School of Pharmacy


Cody, V., Pace, J., Queener, S. F., Adair, O. O., & Gangjee, A. (2013). Kinetic and Structural Analysis for Potent Antifolate Inhibition of Pneumocystis jirovecii, Pneumocystis carinii and Human Dihydrofolate Reductase (DHFR) and Their Active Site Variants (June 2013). *Antimicrob Agents Ch, 57,* 2669-2677.


* Nationally Prominent Journal, Publisher or Conference Proceeding


* Nationally Prominent Journal, Publisher or Conference Proceeding


* Nationally Prominent Journal, Publisher or Conference Proceeding


* Nationally Prominent Journal, Publisher or Conference Proceeding


* Nationally Prominent Journal, Publisher or Conference Proceeding


* Nationally Prominent Journal, Publisher or Conference Proceeding
Patents/Inventions


Witt-Enderby, P. (2013). Combination Hormone Replacement Therapy (HRT) and Melatonin to Prevent and Treat Mammary Cancer. (# 8,618,083).

School of Music


Burke, P. (2013). (Compositions) Pittsburgh Symphony Commission. The internationally acclaimed Pittsburgh Symphony Orchestra commissioned me and four other composers to write a feature work that will be premiered Feb. 7-9, 2014. [Status: Directed].

Burke, P. (2013). (Compositions) Music on the Edge: Lisa Pegher/ Saturn Girl. I composed a 9 1/2 minute electroacoustic work for percussionist Lisa Pegher, which she premiered on February 16, 2013, at the Andy Warhol Museum as part of the University of Pittsburgh’s Music on the Edge series. The series features some of the top national acts on the contemporary classical music scene. [Status: Produced].


* Nationally Prominent Journal, Publisher or Conference Proceeding


Purse, L (2013). (Compositions) A Year in Penn’s Woods. Large musical work for both live performance and installations combining visual media, audio recordings and electronic production; in progress, projected completion in 2014.


* Nationally Prominent Journal, Publisher or Conference Proceeding


* Nationally Prominent Journal, Publisher or Conference Proceeding
School of Education

Counseling, Psychology and Special Education


* Nationally Prominent Journal, Publisher or Conference Proceeding


* Nationally Prominent Journal, Publisher or Conference Proceeding


* Nationally Prominent Journal, Publisher or Conference Proceeding


**Educational Foundations and Leadership**


* Nationally Prominent Journal, Publisher or Conference Proceeding


**Instruction and Leadership in Education**


* Nationally Prominent Journal, Publisher or Conference Proceeding


* Nationally Prominent Journal, Publisher or Conference Proceeding


* Nationally Prominent Journal, Publisher or Conference Proceeding
School of Nursing

Dean


School of Nursing


* Nationally Prominent Journal, Publisher or Conference Proceeding


* Nationally Prominent Journal, Publisher or Conference Proceeding


* Nationally Prominent Journal, Publisher or Conference Proceeding
John G. Rangos Sr. School of Health Sciences

Athletic Training


Occupational Therapy


* Nationally Prominent Journal, Publisher or Conference Proceeding

**Physical Therapy**


**Speech-Pathology**


Bayer School of Natural and Environmental Sciences

Biological Sciences


* Nationally Prominent Journal, Publisher or Conference Proceeding


**Chemistry and Biochemistry**


* Nationally Prominent Journal, Publisher or Conference Proceeding


* Nationally Prominent Journal, Publisher or Conference Proceeding

**Physics**


**Patents/Inventions**


* Nationally Prominent Journal, Publisher or Conference Proceeding
Gumberg Library


* Nationally Prominent Journal, Publisher or Conference Proceeding


* Nationally Prominent Journal, Publisher or Conference Proceeding